

Title (en)

Method and system for estimating visceral fat area

Title (de)

Verfahren und System zur Schätzung von Eingeweidefettfläche

Title (fr)

Méthode et système pour estimer des surfaces de graisse viscérale

Publication

**EP 1568319 A2 20050831 (EN)**

Application

**EP 05004063 A 20050224**

Priority

US 78607104 A 20040226

Abstract (en)

There is provided a method and/or a system for estimating a value indicating visceral fat area (VFA) of a subject, in which the estimation of the value indicating visceral fat area is performed by using the product of the Xth power of the height value (Ht) and the Yth power of a fat mass value (FM), preferably by using a parameter expressed as  $FM/Ht^{<2>}$  or  $Ht^{<2>}/FM$ , more preferably by using an equation expressed as  $VFA = C11*FM/Ht^{<2>} + C12*Age + C13$  or other adequate equations, where each of the X and the Y expresses a number excluding zero. The method and/or the system has a potential to decrease estimation errors due to height, thereby allowed a common use by a number of nations each having the different average of height and caused a decrease in cost of development and manufacturing. <IMAGE>

IPC 1-7

**A61B 5/053**; **A61B 5/107**

IPC 8 full level

**A61B 5/053** (2006.01); **A61B 5/107** (2006.01); **G01G 19/50** (2006.01)

CPC (source: EP US)

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Citation (applicant)

JP 2003024303 A 20030128 - TANITA SEISAKUSHO KK

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